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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Andrea Savarino

Serial No.: 10/783,268

Filing Date: February 20, 2004

For: Methods for Treatment of HIV or Malaria Using
Combinations of Chloroquine and Protease Inhibitors

) Confirmation No.: 7328
)
) Group Art Unit: 1617
)
) Docket No.: 97728.00147
)
) Customer No.: 21832
)
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Commissioner for Patents
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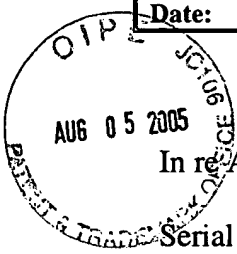
INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In accordance with 37 C.F.R. §1.56, the materials listed on the attached form PTO/SB/08 are being brought to the attention of the Examiner for consideration in connection with the examination of the above-identified patent application. This Information Disclosure Statement is believed to be filed prior to the mailing date of a First Office Action regarding the above-referenced application. Accordingly, no fee is believed to be required. Copies of non-patent references set forth and cited on form PTO/SB/08 are enclosed herewith.

It is respectfully requested the Examiner indicate consideration of the cited references by returning a copy of the attached form PTO/SB/08 with initials or other appropriate marks.

In accordance with 37 C.F.R. § 1.97, the filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made; an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in § 1.56(b); or an admission that the information cited in the statement is, or is considered to be, prior art.



No fee is believed to be required. However, if any fee is required, or otherwise if necessary to cover any deficiency in fees already paid, authorization is hereby given to charge our Deposit Account No. 50-1402.

Respectfully submitted,

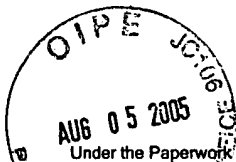
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| | | Application Number | 10/783,268 |
| | | Filing Date | 02/20/04 |
| | | First Named Inventor | Savarino, Andrea |
| | | Art Unit | 1617 |
| | | Examiner Name | To be assigned |
| | | Attorney Docket Number | 97728.00147 |
| Sheet | 1 | of | 1 |

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|-----------------------|--|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue numbers(s), publisher, city and/or country where published. | T ² |
| | 1. | SAVARINO, A. et al., The anti-HIV-1 activity of chloroquine. <i>Journal of Clinical Virology</i> , 20:131-135 (2001). Elsevier Science. | |
| | 2. | SAVARINO, A., et al., Anti-HIV effects of chloroquine: mechanisms of inhibition and spectrum of activity. <i>Aids</i> , 15:2221-2229 (2001). Lippincott Williams & Wilkins. | |
| | 3. | SAVARINO, A., et al., Anti-HIV Effects of Chloroquine. <i>Journal of Acquired Immune Deficiency Syndrome</i> , 35(3):223-232 (2004). Lippincott Williams & Wilkins. | |
| | 4. | SIDHU, A., et al., Chloroquine Resistance in Plasmodium falciparum Malaria Parasites Conferred by pfcr Mutations. <i>Science</i> , Oct. 4, 298:210-213 (2002). | |
| | 5. | SAVARINO, A., et al., Human CD38 interferes with HIV-1 fusion through a sequence homologous to the V3 loop of the viral envelope glycoprotein gp120. <i>FASEB</i> , Jan 22, 10.1096/fj.02-0512fje. (2003). | |
| | 6 | MAMMANO, F., et al., Retracing the Evolutionary Pathways of Human Immunodeficiency Virus Type I Resistance to Protease Inhibitors: Virus Fitness in the Absence and in the Presence of Drug. <i>Journal of Virology</i> , 74(18): 8524-8531 (2000). | |
| | 7. | NATHOO, S., et al., Effect of HIV-1 antiretroviral drugs on cytoadherence and phagocytic clearance of Plasmodium falciparum-parasitised erythrocytes. <i>The Lancet</i> , Sept. 27, 362:1039-1041 (2003). | |
| | 8. | WARD, SA. Bray, PG., Definitive proof for a role of pfmdr 1 in quinoline resistance in Plasmodium falciparum. <i>Drug Resistance Updates</i> , April, 3(2): 80-81 (2000). | |
| | 9. | MAKLER, MT, et al., Parasite lactate dehydrogenase as an assay for Plasmodium falciparum drug sensitivity. <i>Am J Trop Med Hyg.</i> , Jun; 48(6):739-741 (1993). | |

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|--------------------|--|-----------------|--|
| Examiner Signature | | Date Considered | |
|--------------------|--|-----------------|--|

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